

L Number	Hits	Search Text	DB	Time stamp
1	5477	polyaniline	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 11:55
2	117317	viologen bipyridin\$5 dipyridin\$5 pyridin\$4	USPAT	2002/12/06 11:47
3	103	polyaniline same (viologen bipyridin\$5 dipyridin\$5 pyridin\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 11:47
4	31	polyaniline near9 (viologen bipyridin\$5 dipyridin\$5 pyridin\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 11:45
5	19	(polyaniline same (viologen bipyridin\$5 dipyridin\$5 pyridin\$4)) same (doped graft\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 11:55
6	3656	viologen bipyridin\$5 dipyridin\$5	USPAT	2002/12/06 11:47
8	2	(polyaniline same (viologen bipyridin\$5 dipyridin\$5)) same (doped graft\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 11:47
7	43	polyaniline same (viologen bipyridin\$5 dipyridin\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 11:48
9	114068	polyaniline pan pani	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 12:13
10	978	(polyaniline pan pani) near9 (doped graft\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 11:56
11	6202	(polyaniline pan pani) near9 (doped mix\$7 blend\$4 graft\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 11:56
12	110	((polyaniline pan pani) near9 (doped mix\$7 blend\$4 graft\$4)) and (viologen bipyridin\$5 dipyridin\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 11:58
13	3	((polyaniline pan pani) near9 (doped mix\$7 blend\$4 graft\$4)) same (viologen bipyridin\$5 dipyridin\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 11:57
14	10	((polyaniline pan pani) near9 (doped graft\$4)) and (viologen bipyridin\$5 dipyridin\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 12:09

15	17	(viologen bipyridin\$5 dipyridin\$5) near9 (polyaniline pan pani)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 12:10
16	5	(viologen bipyridin\$5 dipyridin\$5) same (polyaniline pan pani) same (mix\$9 blend\$5 dope\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 12:14
17	83858	polyaniline aniline pyrrole polypyrrole	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 12:14
19	0	((polyaniline aniline pyrrole polypyrrole) near9 (viologen bipyridin\$5 dipyridin\$5)) near9 (mix\$9 blend\$5 dope\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 12:15
18	79	(polyaniline aniline pyrrole polypyrrole) near9 (viologen bipyridin\$5 dipyridin\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 12:27
20	1	((polyaniline aniline pyrrole polypyrrole) near9 (viologen bipyridin\$5 dipyridin\$5)) same (dication cation)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 12:17
21	10	((polyaniline aniline pyrrole polypyrrole) near9 (viologen bipyridin\$5 dipyridin\$5)) same (electron reduc\$6 oxidat\$8)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 12:28
22	246	(polyaniline aniline pyrrole polypyrrole) same (viologen bipyridin\$5 dipyridin\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 12:28
23	39	((polyaniline aniline pyrrole polypyrrole) same (viologen bipyridin\$5 dipyridin\$5)) same (electron reduc\$6 oxidat\$8)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 12:28
24	29	((polyaniline aniline pyrrole polypyrrole) same (viologen bipyridin\$5 dipyridin\$5)) same (electron reduc\$6 oxidat\$8)) not (((polyaniline aniline pyrrole polypyrrole) near9 (viologen bipyridin\$5 dipyridin\$5)) same (electron reduc\$6 oxidat\$8))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 12:52
25	650	electr\$9 near6 conductive same electron near9 (transfer\$4 shift\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 12:55
26	202	(electro\$1conductive (electrically near2 conductive)) near9 electron near9 (transfer\$4 shift\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 12:57

27	4	((electro\$1conductive (electrically near2 conductive)) near9 electron near9 (transfer\$4 shift\$4)) same (polyaniline aniline pyrrole polypyrrole)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 13:05
28	1	"4818646" and (viologen bipyridin\$5 dipyridin\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 13:04
29	28	((electro\$1conductive (electrically near2 conductive)) near9 electron near9 (transfer\$4 shift\$4)) and (polyaniline aniline pyrrole polypyrrole)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 14:18
30	17	"5016063"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 19:38
31	4657	laser same UV same (length wavelength)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 19:00
32	1699	laser near9 UV near9 (length wavelength)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 19:01
33	1613	laser near9 UV near9 wavelength	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 19:07
34	366	33.ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 19:05
35	219	laser adj light near9 UV near9 wavelength	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 19:08
36	0	(laser adj light near9 UV near9 wavelength) near9 (electron near5 transfer)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 19:07
37	1	(laser adj light near9 UV near9 wavelength) and (electron near5 transfer)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 19:08
38	12	laser adj light near9 UV and (electron near5 transfer)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 20:09

39	11	low near3 energy near9 radiation same laser near9 uv	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 19:50
41	67	(millijoule joule) same laser near9 uv	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 19:51
42	3	"20" near2 (millijoule joule) same laser near9 uv	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 19:53
43	2	"20" near2 (milli\$1joule micro\$1joule joule) same laser near9 uv	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 19:54
44	2	"20" near2 (milli\$1joule micro\$1joule joule) same laser near9 uv	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 19:54
46	9	(milli\$1joule micro\$1joule joule) near9 laser near9 uv	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 20:07
47	0	(milli\$1joule micro\$1joule joule) near9 cm same laser near9 uv	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 19:59
45	51	(milli\$1joule micro\$1joule joule) same laser near9 uv	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 20:14
48	5	"5338393"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 20:09
49	5	(milli\$1joule micro\$1joule joule) near9 centimeter same laser near9 uv	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 20:31
51	37	reduc\$4 same (viologen bipyridin\$5 dipyrudin\$5) same (edta aniline polyaniline pyrrole polypyrrole)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 20:33
52	0	reduc\$4 same (viologen bipyridin\$5 dipyrudin\$5) same edta near9 (aniline polyaniline pyrrole polypyrrole)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 20:34

53	1	reduc\$4 same edta near9 (aniline polyaniline pyrrole polypyrrole)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 20:34
54	0	(viologen bipyridin\$5 dipyridin\$5) same edta near9 (aniline polyaniline pyrrole polypyrrole)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 20:35
55	2	(viologen bipyridin\$5 dipyridin\$5) and edta same (aniline polyaniline pyrrole polypyrrole)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 20:36
56	182	(radiation irradiat\$4 uv light) same (aniline polyaniline pyrrole polypyrrole) near9 (electron donor reduc\$9)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 20:37
57	69	(radiation irradiat\$4 uv light) near9 (aniline polyaniline pyrrole polypyrrole) near9 (electron donor reduc\$9)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 21:00
58	29	(radiation irradiat\$4 uv light) near9 (aniline polyaniline pyrrole polypyrrole) near9 (donor reduc\$9)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 20:43
59	85	(radiation irradiat\$4 uv light) same (aniline polyaniline pyrrole polypyrrole) same (donor reduc\$9) same (acceptor oxidat\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 20:45
60	13	((radiation irradiat\$4 uv light) same (aniline polyaniline pyrrole polypyrrole) same (donor reduc\$9) same (acceptor oxidat\$)) same (doped dopant doping)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 20:46
61	102	(radiation irradiat\$4 uv light) near9 (aniline polyaniline pyrrole polypyrrole) near9 (oxid\$5 donor reduc\$9)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 21:03
62	80	(radiation irradiat\$4 uv light) near9 (aniline polyaniline pyrrole polypyrrole) near9 (oxid\$5 donor)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 21:04
63	19	(radiation irradiat\$4 uv) near9 (aniline polyaniline pyrrole polypyrrole) near9 (oxid\$5 donor)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 21:06
64	16	(radiation irradiat\$4 uv) same (aniline polyaniline pyrrole polypyrrole) same (donor (reducing near2 gent))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 21:07
-	569	viologen	USPAT	2002/12/05 18:09
-	67	viologen near3 salt	USPAT	2002/11/18 13:51
-	1	(viologen near3 salt) near9 acid	USPAT	2002/11/18 13:52

-	0	(viologen near3 salt) same proton\$4 near3 acid	USPAT	2002/11/18 13:52
-	573	viologen	USPAT	2002/12/05 18:19
-	14	viologen near9 (graft\$4 covalent\$4 react\$6) near9 (substrate polymer\$4 surface)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/05 18:10
-	3097	viologen bipyridin\$5	USPAT	2002/12/05 18:24
-	335	((viologen bipyridin\$5) same (radiation irradiat\$5 UV light)) same	USPAT	2002/12/05 18:25
-	1	((viologen bipyridin\$5) same (radiation irradiat\$5 UV light)) same	USPAT	2002/12/05 18:23
-	16	((viologen bipyridin\$5) same (radiation irradiat\$5 UV light)) same	USPAT	2002/12/06 09:10
-	3656	viologen bipyridin\$5 dipyrindin\$5	USPAT	2002/12/06 11:44
-	362	((viologen bipyridin\$5 dipyrindin\$5) same (radiation irradiat\$5 UV light)) same	USPAT	2002/12/05 18:34
-	18	((viologen bipyridin\$5 dipyrindin\$5) same (radiation irradiat\$5 UV light)) same (electro\$1conductive (electrical\$4 near3 conductiv\$5))	USPAT	2002/12/05 18:32
-	1	"4956444"	USPAT	2002/12/05 18:33
-	3410	(neoh kang ng sampanthar).in.	USPAT	2002/12/05 18:36
-	5	((viologen bipyridin\$5 dipyrindin\$5) and ((neoh kang ng sampanthar).in.))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/05 18:36
-	65	((viologen bipyridin\$5 dipyrindin\$5) near9 (radiation irradiat\$5 UV light)) near9 (cation\$2 dication\$2)	USPAT	2002/12/05 19:03
-	19	((viologen bipyridin\$5 dipyrindin\$5) near9 (radiation irradiat\$5 UV light)) near9 (cation\$2 dication\$2)	USPAT	2002/12/05 18:37
-	7	((viologen bipyridin\$5 dipyrindin\$5) near9 (radiation irradiat\$5 UV light)) near9 (cation\$2 dication\$2)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/05 18:57
-	0	((polyvinyl near3 chloride) same ((viologen bipyridin\$5 dipyrindin\$5) near9 (radiation irradiat\$5 UV light)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/05 19:02
-	43	polyaniline same (viologen bipyridin\$5 dipyrindin\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/05 19:04
-	17	((polyaniline same (viologen bipyridin\$5 dipyrindin\$5)) same (radiation irradiat\$5 UV light))	USPAT	2002/12/05 19:03
-	16	polyaniline near9 (viologen bipyridin\$5 dipyrindin\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/05 19:04
-	3656	viologen bipyridin\$5 dipyrindin\$5	USPAT	2002/12/06 11:07
-	755	((viologen bipyridin\$5 dipyrindin\$5) and (radiation irradiat\$5 UV light)) near9 (react\$9 graft\$9 bond\$5 complex\$7)	USPAT	2002/12/06 09:18
-	72	((viologen bipyridin\$5 dipyrindin\$5) and (radiation irradiat\$5 UV light)) near9 (react\$9 graft\$9 bond\$5 complex\$7) near9 (polymer\$2 polyethylene polystyrene polyester)	USPAT	2002/12/06 09:17
-	0	((viologen bipyridin\$5 dipyrindin\$5) near9 radiation near9 graft\$4	USPAT	2002/12/06 09:18
-	0	((viologen bipyridin\$5 dipyrindin\$5) same radiation near9 graft\$4	USPAT	2002/12/06 09:18
-	15	((viologen bipyridin\$5 dipyrindin\$5) near9 (radiation irradiat\$5 UV light)) near9 (react\$9 graft\$9 bond\$5 complex\$7)	USPAT	2002/12/06 09:20
-	2	((viologen bipyridin\$5 dipyrindin\$5) near9 (radiation irradiat\$5 UV light)) near9 (react\$9 graft\$9 bond\$5 ionic)	USPAT	2002/12/06 09:22
-	0	((viologen bipyridin\$5 dipyrindin\$5) near9 (radiation irradiat\$5 UV light)) near9 ((gas\$6 solid) near4 phase)	USPAT	2002/12/06 09:23

-	0	(viologen bipyridin\$5 dipyridin\$5) near9 (radiation irradiat\$5 UV light) near9 (mixture blend) near9 polymer\$2	USPAT	2002/12/06 09:24
-	0	(viologen bipyridin\$5 dipyridin\$5) near9 (radiation irradiat\$5 UV light) near9 (mix\$6 blend\$4 dop\$4) near9 polymer\$2	USPAT	2002/12/06 09:25
-	20	(viologen bipyridin\$5 dipyridin\$5) same (radiation irradiat\$5 UV light) same (mix\$6 blend\$4 dop\$4) same polymer\$2	USPAT	2002/12/06 09:33
-	0	(viologen bipyridin\$5 dipyridin\$5) same (radiation irradiat\$5 UV light) near9 graft\$4	USPAT	2002/12/06 09:34
-	15	(viologen bipyridin\$5 dipyridin\$5) and (radiation irradiat\$5 UV light) near9 graft\$4	USPAT	2002/12/06 09:34
-	2	(viologen bipyridin\$5 dipyridin\$5) and (radiation irradiat\$5 UV) near9 (induced inducing) near9 graft\$4	USPAT	2002/12/06 09:36
-	0	(viologen bipyridin\$5 dipyridin\$5) near9 (radiation irradiat\$5 UV) near9 (induced inducing) near9 polymer\$2	USPAT	2002/12/06 09:39
-	1	(viologen bipyridin\$5 dipyridin\$5) near9 (radiation irradiat\$5 UV) near9 polymer\$2	USPAT	2002/12/06 09:37
-	200	(radiation irradiat\$5 UV) near9 (induced inducing) near9 graft\$4	USPAT	2002/12/06 09:49
-	0	((radiation irradiat\$5 UV) near9 (induced inducing) near9 graft\$4) near9 (chloromethyl\$9 (benzil near5 chloride) (chloro\$1 benzene))	USPAT	2002/12/06 09:42
-	1	((radiation irradiat\$5 UV) near9 (induced inducing) near9 graft\$4) near9 (quarternary near3 amin\$7)	USPAT	2002/12/06 09:48
-	1	(radiation irradiat\$5 UV) near9 ((polymer\$2 surface substrate) near9 (introduc\$4 graft\$4 insert\$5) near9 (quarternary near3 amin\$7))	USPAT	2002/12/06 09:50
-	6	(polymer\$2 surface substrate) near9 (introduc\$4 graft\$4 insert\$5) near9 (quarternary near3 amin\$7)	USPAT	2002/12/06 09:55
-	0	(halomethyl\$6 chloromethyl\$6) near9 (radiat\$6 irradiat\$9 UV light) near9 (quarternary near3 amin\$7)	USPAT	2002/12/06 09:57
-	1	(radiation irradiat\$5 UV) near9 (introduc\$4 graft\$4 insert\$5) near9 (quarternary near3 amin\$7)	USPAT	2002/12/06 09:54
-	1	(radiation irradiat\$5 UV) near9 (quarternary near3 amin\$7)	USPAT	2002/12/06 09:55
-	16	"3779906"	USPAT	2002/12/06 09:55
-	0	(halomethyl\$6 chloro\$1 methyl\$6) same (radiat\$6 irradiat\$9 UV light) same (quarternary near3 amin\$7)	USPAT	2002/12/06 09:58
-	7	(halomethyl\$6 chloro\$1 methyl\$6) near9 (radiat\$6 irradiat\$9 UV light) near9 amin\$7	USPAT	2002/12/06 10:19
-	3	(halomethyl\$6 chloro\$1 methyl\$6) near9 (radiat\$6 irradiat\$9 UV light) same amin\$7 near9 (introduc\$4 bond\$4 graft\$4 modif\$9 exchang\$4)	USPAT	2002/12/06 10:06
-	1	(halomethyl\$6 chloro\$1 methyl\$6) near9 (radiat\$6 irradiat\$9 UV light) same aminated	USPAT	2002/12/06 10:06
-	7	(halomethyl\$6 chloro\$1 methyl\$6) same (radiat\$6 irradiat\$9 UV light) same aminated	USPAT	2002/12/06 10:08
-	7	(halomethyl\$6 chloro\$1 methyl\$6) same (radiat\$6 irradiat\$9 UV light) same amin\$9 near5 tertiary	USPAT	2002/12/06 10:08
-	1	(halomethyl\$6 chloro\$1 methyl\$6) near9 (radiat\$6 irradiat\$9 UV light) near9 (surface near5 (polymer\$2 substrate))	USPAT	2002/12/06 10:21
-	13	(halo\$1 methyl\$6 chloro\$1 methyl\$6) same (radiat\$6 irradiat\$9 UV light) same (surface near5 (polymer\$2 substrate))	USPAT	2002/12/06 10:34
-	1	photoreactive near9 chloromethylphenyl	USPAT	2002/12/06 10:24
-	3	"5648201"	USPAT	2002/12/06 10:35
-	144	(halomethyl\$6 chloro\$1 methyl\$6) same (radiat\$6 irradiat\$9 UV light) same amin\$7	USPAT	2002/12/06 10:52
-	7	(halomethyl\$6 chloro\$1 methyl\$6) same (radiat\$6 irradiat\$9 UV light) same ((tertiary quarternary) near4 amin\$7)	USPAT	2002/12/06 10:38
-	71	(halomethyl\$6 chloro\$1 methyl\$6) same (radiat\$6 irradiat\$9 UV) same amin\$7	USPAT	2002/12/06 11:07
-	22	(halomethyl\$6 chloro\$1 methyl\$6) same (radiat\$6 irradiat\$9 UV) same (pyridin\$4 viologen bipyridin\$5 dipyridin\$5)	USPAT	2002/12/06 11:09